(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 4 807 762 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
07.10.2026 Bulletin 2026/41

(43) Date of publication A2:
16.09.2026 Bulletin 2026/38

(21) Application number: **26182285.2**

(22) Date of filing: **15.01.2014**

(51) International Patent Classification (IPC):
A61B 5/02 *(2006.01)*

(52) Cooperative Patent Classification (CPC):
G16H 50/30; A61B 5/02007; A61B 5/026; A61B 6/504; G06T 7/00; G06T 7/0012; G06T 17/00; G16H 30/20; G16H 50/50; G16Z 99/00; A61B 5/021; A61B 5/7289; A61B 6/032; A61B 6/037; A61B 6/481; (Cont.)

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

(30) Priority: **15.01.2013 US 201361752526 P**
29.09.2013 US 201314040688
24.10.2013 PCT/IL2013/050869

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
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(54) CALCULATING A FRACTIONAL FLOW RESERVE

(57) A method for vascular assessment is disclosed. The method, in some embodiments, comprises receiving a plurality of 2-D angiographic images of a portion of a vasculature of a subject, and processing the images to produce a stenotic model over the vasculature, the stenotic model having measurements of the vasculature at one or more locations along vessels of the vasculature. The method, in some embodiments, further comprises obtaining a flow characteristic of the stenotic model, and calculating an index indicative of vascular function, based, at least in part, on the flow characteristic in the stenotic model.

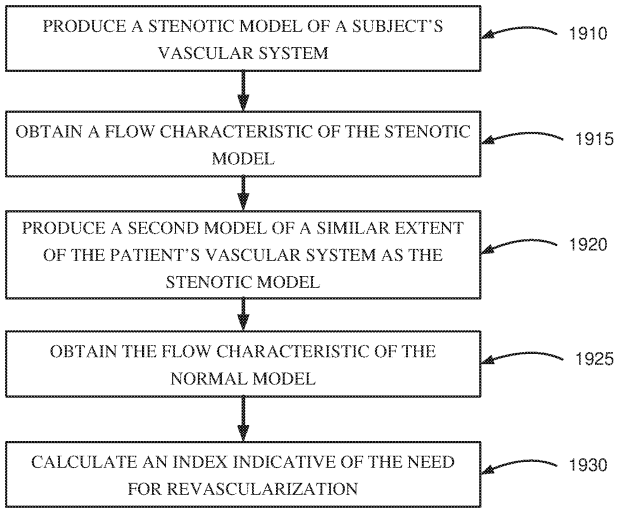


FIG. 9

Processed by Luminess, 75001 PARIS (FR)

(Cont. next page)

(52) Cooperative Patent Classification (CPC): (Cont.)
A61B 6/507; A61B 6/5217; A61B 6/541; A61B 8/06;
A61B 2576/023; G06T 2200/04; G06T 2207/10072;
G06T 2207/10116; G06T 2207/10132;
G06T 2207/30101; G06T 2207/30104;
G06T 2207/30172

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EUROPEAN SEARCH REPORT

Application Number
EP 26 18 2285

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	21 August 2026	Philips, Petra

CATEGORY OF CITED DOCUMENTS

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EPO FORM 1503 03.82 (P04C01)

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EUROPEAN SEARCH REPORT

Application Number
EP 26 18 2285

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